

## APPENDIX

## Changes to Claims:

The following are marked-up versions of the amended claims:

1. (Amended) An optical module, comprising:

a mounting member having a principal surface, the mounting member having a property of transmitting light;  
an interconnect formed on said mounting member; and  
an optical element mounted on said principal surface and electrically connected to said interconnect,  
wherein said mounting member is an optical waveguide for guiding light emitted from said optical element or light admitted to said optical element.

4. (Amended) An optical module, comprising:

an optical element for emitting or admitting light; and  
an optical waveguide having a property of transmitting light and having a principal surface, with said optical element mounted on said principal surface, for guiding light emitted from said optical element or light admitted to said optical element.

17. (Amended) An optical module, comprising:

an optical element; and  
a mounting member, said mounting member having a property of transmitting light to have which has a function of an optical waveguide for guiding light emitted from said optical element or light admitted to said optical element, said mounting member and is electrically connected to said optical element or a semiconductor element associated with said optical element.

18. (Amended) An optical module, comprising:

a mounting member having a principal surface and a lateral surface, the  
mounting member having a property of transmitting light; and  
an optical element mounted on said principal surface,  
wherein said mounting member has a function of an optical waveguide, and an  
optical input/output terminal for said optical waveguide is provided on said lateral surface.